

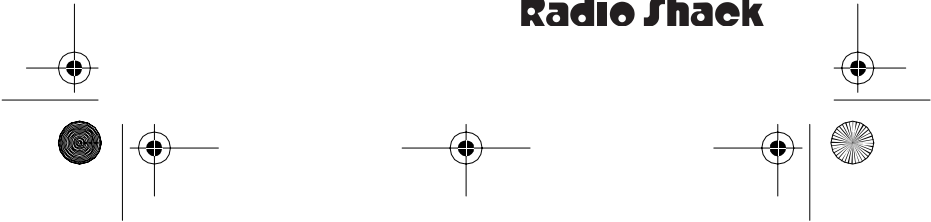
Cat. No. 15-1273C
OWNER'S MANUAL

Please read before using this equipment.

RF MODULATOR



Radio Shack





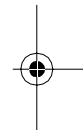
INTRODUCTION



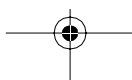
Your Radio Shack RF Modulator is designed to convert the separate audio and video signals (from a video camera, computer, portable VCR, satellite receiver, etc.) into normal VHF TV signals that you can see on any regular TV set.

You can use the RF Modulator by connecting it between your TV and your:



- Video camera (for security surveillance or for watching a child's play area)
- Home satellite receiver



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Warning: To prevent fire or shock hazard, do not expose this system to rain or moisture.

	CAUTION RISK OF ELECTRIC SHOCK. DO NOT OPEN.	
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER OR BACK. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.		



This symbol is intended to alert you to the presence of uninsulated dangerous voltage within the system's enclosure that might be of sufficient magnitude to constitute a risk of electric shock. Do not open the system's case.

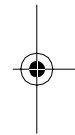
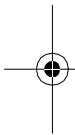


This symbol is intended to inform you that important operating and maintenance instructions are included in the literature accompanying this system.

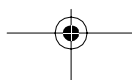


Your RF Modulator might cause TV or radio interference even when it is operating properly. To determine whether your RF Modulator is causing the interference, turn off your RF Modulator. If the interference goes away, your RF modulator is causing the interference. Try to eliminate the interference by:

- Moving your RF Modulator away from the receiver
- Connecting your RF Modulator to an outlet that is on a different electrical circuit from the receiver
- Contacting your local Radio Shack store for help



If you cannot eliminate the interference, the FCC requires that you stop using your RF Modulator.



PREPARATION

ADDITIONAL PARTS REQUIRED

You need the following items, not supplied with your RF Modulator, to connect it between a video input source (video camera, satellite receiver, etc.) and your TV.

- Two audio/video (not stereo) shielded cables with phono connectors
- One 75-ohm coaxial cable with F-type connectors
- If your TV does not have a VHF 75-ohm F-connector, you will also need a 75-ohm-to-300-ohm matching transformer

Your local Radio Shack sells a wide selection of each of these items.

CONNECTIONS

Follow these steps to connect your RF Modulator.

1. Connect one of the audio/video cables between the video output jack on your video source and the RF Modulator's **VIDEO INPUT** jack.
2. Connect the other audio/video cable between the audio output jack on your video source and the RF Modulator's **AUDIO INPUT** jack.

3. If your TV is already connected to another VHF input source:

- a. Disconnect the input source's 75-ohm cable from the TV's 75-ohm VHF input terminal, and reconnect it to the **A** input terminal on the supplied Hi-Isolation A/B switch.
- b. Connect the supplied 75-ohm short cable between the **B** input terminal on the Hi-Isolation switch and the RF Modulator's **RF OUT** terminal.
- c. Connect the 75-ohm coaxial cable between the **OUT** terminal on the Hi-Isolation switch and 75-ohm VHF input terminal on your TV.

If your TV is not already connected to another VHF source (antenna, cable TV, VCR, etc.), connect the 75-ohm coaxial cable directly between the **RF OUT** terminal on the RF Modulator and the 75-ohm VHF terminal on your TV.

Note: If your TV has only 300-ohm VHF screw terminals, use a 75-ohm-to-300-ohm matching transformer to complete the connection.

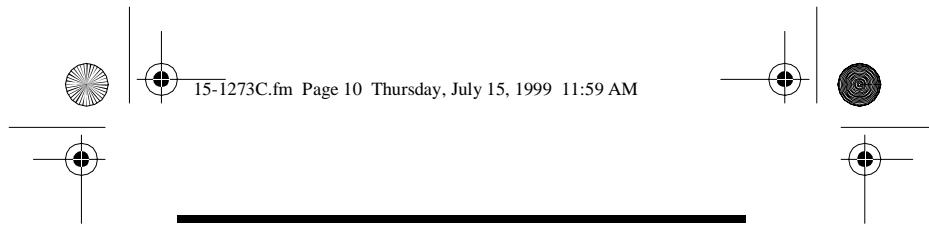
4. Plug the RF Modulator power cord into a standard AC outlet.

OPERATION

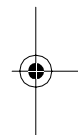
1. Set the RF Modulator's **CHANNEL 3/4** switch to the channel that is not used for regular broadcasts in your area.

2. Turn on the TV and set it to the same channel (3 or 4) as the channel switch on the RF Modulator.

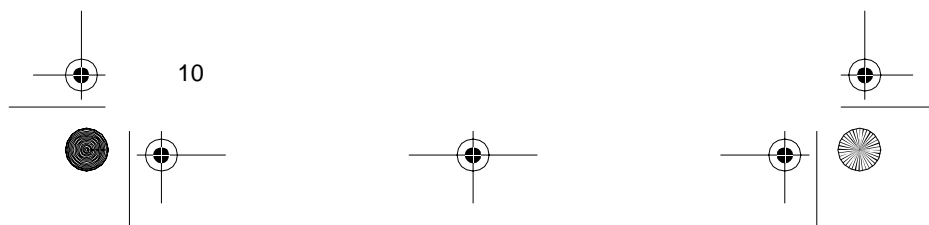
Note: If you connected a Hi-Isolation A/B switch, set it to the B input position.



3. Turn on the input source (camera, etc.) and set **OHMS 1K/75** on the RF Modulator to the position that gives the best picture.



Note: For the best results, try both positions to find the best setting. Doing so does not harm your equipment.



SPECIFICATIONS

Video Carrier Output Level63 dB μ V

RF Output Channels 3 or 4

RF Output Impedance75 Ohms

Video Input Impedance.....75 or 1 kOhms
(switchable)

Audio Input Impedance..... 13 \pm 3 kOhms

Specifications are typical; individual units might vary.
Specifications are subject to change and improvement
without notice.

RADIO SHACK LIMITED WARRANTY

This product is warranted against defects for 90 days from date of purchase from Radio Shack company-owned stores and authorized Radio Shack franchisees and dealers. Within this period, we will repair it without charge for parts and labor. Simply **bring your Radio Shack sales slip** as proof of purchase date to any Radio Shack store. Warranty does not cover transportation costs. Nor does it cover a product subjected to misuse or accidental damage.

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This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

We Service What We Sell

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